



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of ARENA, et al.

Serial No.: 10/687,328

Examiner:

Date Filed: October 16, 2003

Group:

For: BRCA1/BRCA2 SCREENING PANEL

CERTIFICATE UNDER 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

January 2, 2004  
\_\_\_\_\_  
Stanley A. Kim, Ph.D., Esq. Reg. No. 42,730

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Please find enclosed for filing the following:

- X Information Disclosure Statement, with PTO-1449, and references; and
- X 1 postcard.

Although no fee is believed due, please charge any underpayment to Deposit Account No.

50-0951. This letter is submitted in duplicate.

Respectfully submitted,

AKERMAN SENTERFITT

Dated: January 2, 2004

Stanley A. Kim, Ph.D., Esq.  
Registration No. 42,730  
222 Lakeview Avenue, Suite 400  
West Palm Beach, FL 33401-6183  
Tel: 561-653-5000

Docket No. 7230-8



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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:


Pursuant to the Duty to Disclose under 37 CFR 1.56, the references cited on the accompanying form PTO-1449 are hereby brought to the attention of the Examiner for independent evaluation. A copy of each non-US patent reference is enclosed.

The claimed invention is believed patentable over the disclosures enclosed. This citation is intended to give the Examiner an opportunity to make an independent evaluation. No representations are made regarding these materials.

Respectfully submitted,

AKERMAN SENTERFITT

Dated: January 2, 2004

  
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Form PTO-1449 (Rev. 2-88)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 7230-8	APPLICATION NO. 10/687,328
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use several sheets if necessary)</i>		APPLICANT Arena, et al.	
		FILING DATE October 16, 2003	GROUP
<b>U.S. PATENT DOCUMENTS</b>			

EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Baumbach et al., "Cancer Genetics and Genomics," Abstract, 2003 American Society of Human Genetics BRCA Abstract.
		Olopade et al., "Breast Cancer Genetics in African Americans," Cancer Supplement, 97: 236-245, 2003.
		Kanaan et al., "Inherited BRCA2 mutations in African Americans with breast and/or ovarian cancer: a study of familial and early onset cases," Hum Genet, 113: 452-460, 2003.
		Gao et al., "Prevalence of BRCA1 and BRCA2 mutations among clinic-based African American families with breast cancer," Hum Genet, 107: 186-191, 2000.
		Gao et al., "Protein truncating BRCA1 and BRCA2 mutations in African women with pre-menopausal breast cancer," Hum Genet 107: 192-194, 2000.
		Panguluri et al., "BRCA1 mutations in African Americans," Hum Genet, 105: 28-31, 1999.
		Newman et al., "Frequency of Breast Cancer Attributable to BRCA1 in a Population-Bases Series of American Women," JAMA, 279: 915-921, 1998.
		Scholl et al., "BRCA1 IVS16+6T→C Is a Deleterious Mutation That Creates an Aberrant Transcript by Activating a Cryptic Splice Donor Site," American Journal of Medical Genetics, 85: 113-116, 1999.
		An Open Access On-Line Breast Cancer Mutation Data Base, National Human Genome Research Institute.

EXAMINER	DATE CONSIDERED
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\* EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.